

INTERNATIONAL SEARCH REPORT

International Application No
PCT/FR2004/000882

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F42B1/00 F42C11/00 F42B3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F42B F42C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 252 984 A (USM CORPORATION) 10 November 1971 (1971-11-10) page 1, line 92 - page 3, line 30; figures	1, 2, 11, 19
X	GB 951 620 A (DOW CHEMICAL CO) 11 March 1964 (1964-03-11) page 1, line 10 - line 41; figures	1, 2, 11, 19
A	US 3 820 461 A (SILVIA D) 28 June 1974 (1974-06-28) the whole document	1
A	GB 273 338 A (RHEINISCHE METALLW & MASCHF) 1 December 1927 (1927-12-01) the whole document	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

27 October 2004

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06/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Herrera, M

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 1252984	A	10-11-1971	CH 487709 A	31-03-1970
			DE 1906573 A1	02-10-1969
			ES 365136 A1	16-01-1971
			FR 2003626 A5	14-11-1969
			US 3518943 A'	07-07-1970
GB 951620	A	11-03-1964	FR 78813 E	14-09-1962
			CH 388837 A	28-02-1965
			DE 1446869 A1	19-11-1970
			DE 1446870 A1	13-02-1969
			FR 1258004 A	07-04-1961
			GB 959836 A	03-06-1964
			NL 113433 C	
US 3820461	A	28-06-1974	NL 251997 A	
			DE 2107102 A1	09-09-1971
			FR 2078815 A5	05-11-1971
GB 273338	A	01-12-1927	GB 1352927 A	15-05-1974
			DE 486944 C	28-11-1929
			DE 476379 C	16-05-1929
			US 1858969 A	17-05-1932
			BE 343130 A	
			BE 350641 A	
			BE 350642 A	
			CH 127058 A	16-08-1928
			CH 132353 A	15-04-1929
			DE 486942 C	28-11-1929
			DE 491466 C	20-02-1930
			DE 502303 C	11-07-1930
			FR 35264 E	07-01-1930
			FR 35409 E	08-03-1930
			FR 638284 A	21-05-1928
			GB 289436 A	29-11-1928
			GB 289473 A	06-06-1929
			NL 27541 C	
			NL 27722 C	
			US 1755023 A	15-04-1930
			US 1791606 A	10-02-1931